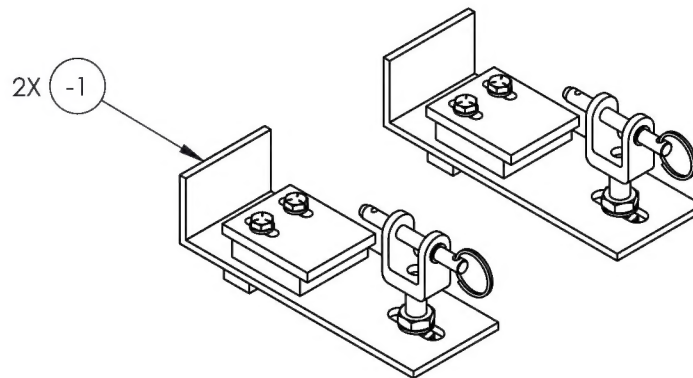


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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
1		CH'D OVERALL DIM. -3 & -9 ON BOM, CH'D DIM. FROM 5.170 TO 5.525 & OVERALL LENGTH FROM 6.50 TO 6.875 -3, CH'D DIM. FROM .425 TO .356 -5, CH'D DIM. .415 TO .378 & .375 TO .450 -9, CH'D DIM FROM .469 TO .600 & 1.064 TO 1.195 -11 PER D.W.	5/6/2010	RJC	DW
2		CH'D -3 & -11 B/O INFORMATION, CH'D -17 FROM NUT TO JAM NUT & P/N FROM 95036A022. ADDED ASSY. -1 TO BOM ADDED ENGRAVE NOTE -3. ADDED NOTE TO -10 PLUG WELD PER R.W. CH'D -11 OVERALL HIEGHT FROM 1.20 TO 1.535, CH'D .875 DIM. TOLERANCE FROM +.005 -.000 TO +.015 -.000 PER G.E.	2/16/2011	RJC	RW
3		-3 CH'D HOLE DIM AS 2X Ø.312 IS 2X Ø.313 +.002 -.000.	2/12/2013	BIM	SE
3A		FIXED BOM, MOVED -15 THRU -27 QTY'S TO -1 ASSY. -11 ADDED RADIUS CALLOUTS WAS MISSING IS 2X .19 AND 2X .09.	6/24/2013	BIM	GE
3B		-3 CH'D MATERIAL THICKNESS WAS .190 & .188 IS (.18). CH'D TITLEBLOCK TOLERANCES WAS .005, .01, .1 IS .010, .03, .1.	10/21/2013	RJC	GE
4	16-0016	UPDATED TO NEW STANDARDS. -1 ADDED DRAWING. -3 CH'D DIMS WAS 2X Ø.250 IS 2X Ø.266. WAS 2X R.219 IS Ø.469. DELETED DIM 5.53. ADDED DIM 5.03. -5 CH'D DIM WAS 4X R.125 IS 2X Ø.266. -7 CH'D FINISH WAS BLACK ANODIZE IS BLACK OXIDE. -9 CH'D DIM WAS 2X Ø.250 IS 2X Ø.266. -10 DELETED WELD NOTE, ADDED GRIND FLAT TO WELD CALLOUT. -11 CH'D DIM WAS 2X .313 +.002 -.000 IS .313 +.002 -.000. CH'D TOLERANCE ON NON-CRITICAL DIMENSIONS.	2/3/2016	DPD	JAG

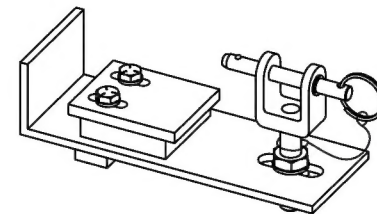
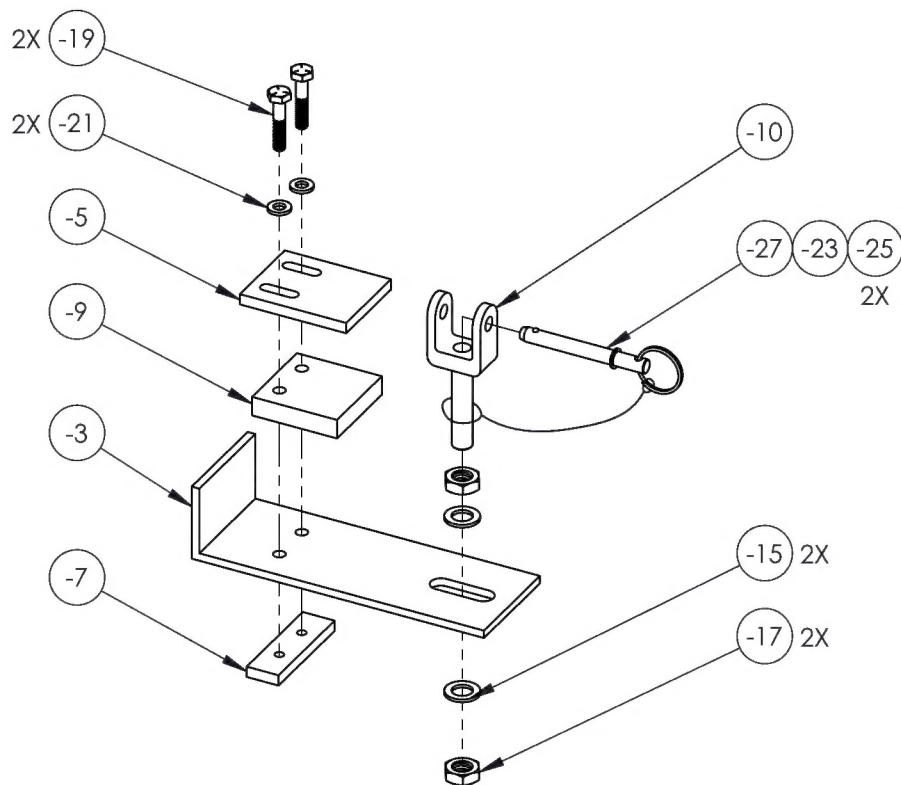


ASSY QTY	ASSY QTY	B/O	Part #	UNIT QTY	Description	Material	B/O INFORMATION OR SPECIFICATIONS	PG.
	X		-1	2	RESTRAINT ASSY.			2
	1		-3		BASE PLATE	6061 TUBE	COYOTE STEEL TO CUT 8 X 8 TUBE TO 2-5/8 X 1-7/8 X 7	3
	1		-5		SLOTTED PLATE	6061		4
	1		-7		BOLT PLATE	A36/1018/1020 HR		5
	1		-9		SPACER	6061		6
X	1		-10		WELDMENT			7
1			-11		CLEVIS	A36/1018/1020 HR		8
1			-13		ROD	B7	7/16-14 (MCMaster-CARR #98957A710) MODIFIED	9
	2	B/O	-15		WASHER	STEEL	Ø7/16 (MCMaster-CARR #95229A520)	2
	2	B/O	-17		JAM NUT	STEEL	7/16-14 (MCMaster-CARR #93839A818)	2
	2	B/O	-19		HEX HEAD CAP SCREW	STEEL	1/4-20 X 1-1/4 (MCMaster-CARR #99894A114)	2
	2	B/O	-21		WASHER	STEEL	Ø1/4 (MCMaster-CARR #95229A430)	2
	1	B/O	-23		LANYARD	COATED STEEL	Ø1/16 X 14 (CARR LANE #CL2C)	2
	2	B/O	-25		FERRULE	ALUMINUM	Ø1/16 X 3/8 (MCMaster-CARR #3896T31)	2
	1	B/O	-27		QUICK RELEASE PIN	STEEL	Ø5/16 X 1.8 USABLE (MCMaster-CARR #98485A258)	2
ASSY -10	ASSY -1							

		TITLE	
		MAIN ROTOR RESTRAINT	
DWG NO.		RBT18666	
REV		4	
MAT'L		UNLESS OTHERWISE SPECIFIED	
HEAT TREAT		DIMENSIONS ARE IN INCHES	
FINISH		.XXX ± .005 FRACTIONS ± 1/8	
SPEC		.XX ± .01 ANGLES ± 5°	
DRAWN BY:		CLOUGH	
CHECKED:		CLOUGH	
OPPS APPR:		ANDERSON	
QA APPR:		LINDSAY	
APPROVED:		GILBERT	
SCALE		1:4	
DATE		2/5/2010	
SHEET		1 OF 9	

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
4	16-0016	-1 ADDED DRAWING.	2/3/2016	DPD	JAG

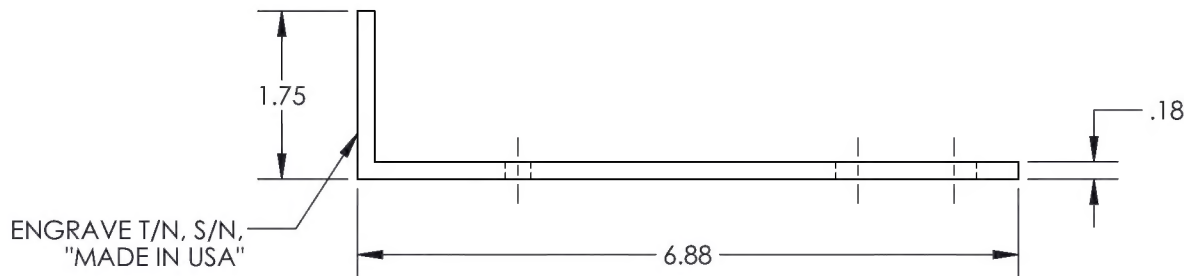
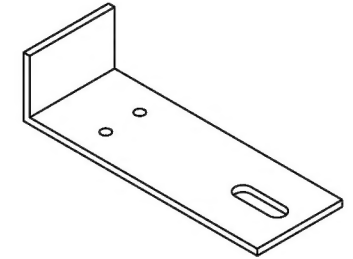
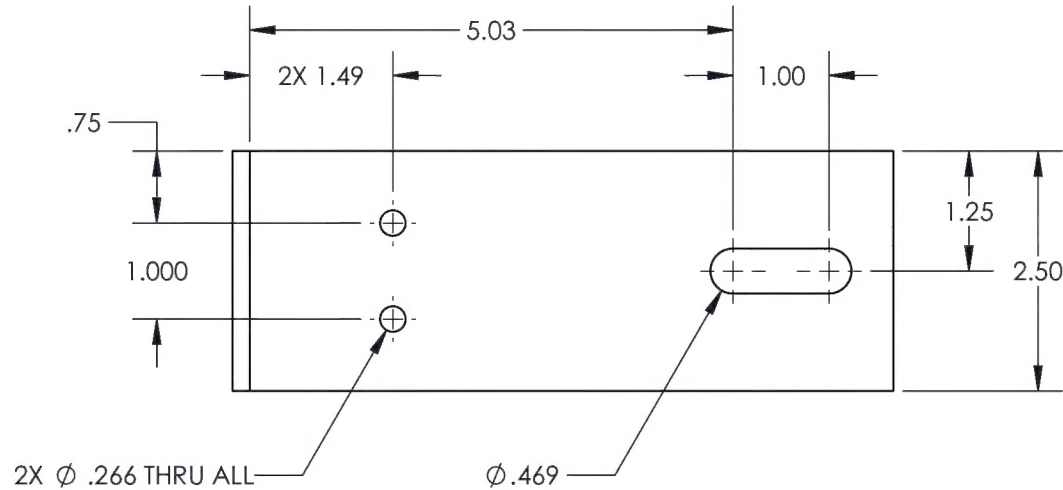


(-1)
RESTRAINT ASSY.

DART AEROSPACE	
TITLE MAIN ROTOR RESTRAINT	
DWG NO. RBT18666-1	REV 4
MAT'L STEEL	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
TREAT PHOS	.XXX ± .005 FRACTIONS ± 1/8
FINISH BLK	.XX ± .01 ANGLES ± .5°
SPEC	.X ± .1 SURFACES = 125° ✓
DRAWN BY: CLOUGH	1. BREAK ALL SHARP EDGES .015 x 45° OR .015R
CHECKED: CLOUGH	2. DIMENSIONAL LIMITS APPLY AFTER PLATING
OPPS APPR: ANDERSON	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
QA APPR: LINDSAY	USED ON MODEL
APPROVED: GILBERT	BELL 206
SCALE 1:4	DATE 2/5/2010
SHEET 2 OF 9	

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
1		-3 CH'D DIM FROM 5.170 TO 5.525 & OVERALL LENGTH FROM 6.50 TO 6.875.	5/6/2010	RJC	DW
2		-3 ADDED ENGRAVE NOTE.	2/16/2011	RJC	RW
3B		-3 CH'D MATERIAL THICKNESS WAS .190 & .188 IS (.18).	10/21/2013	RJC	GE
4	16-0016	-3 CH'D DIMS WAS 2X Ø.250 IS 2X Ø.266, WAS 2X R.219 IS Ø.469. DELETED DIM 5.53. ADDED DIM 5.03.	2/3/2016	DPD	JAG



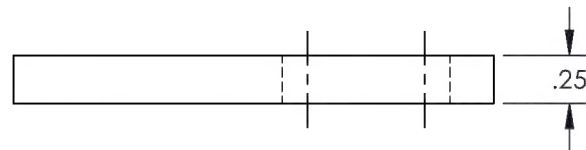
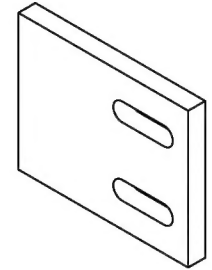
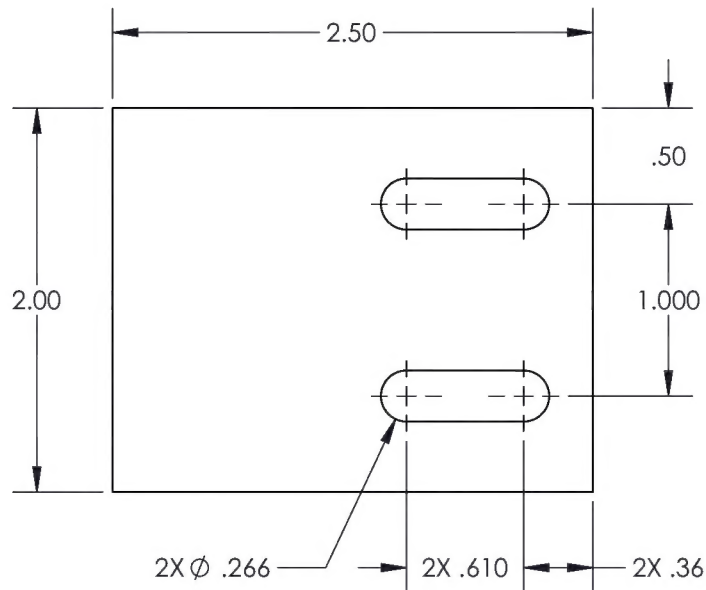
(-3)
BASE PLATE

NOTE:
COYOTE STEEL TO CUT 8 X 8 SQ. TUBE TO
2-5/8 X 1-7/8 X 7 PIECE OF ANGLE.

DART AEROSPACE	
TITLE MAIN ROTOR RESTRAINT	
DWG NO. RBT18666-3	REV 4
MAT'L 6061 TUBE	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
HEAT TREAT	.XXX ± .010 FRACTIONS ± 1/8
FINISH BLACK ANODIZE	.XX ± .03 ANGLES ± 1°
SPEC MIL-A-8625, TYPE II, CLASS II	.X ± .1 SURFACES = 125 ✓
DRAWN BY: CLOUGH	1. BREAK ALL SHARP EDGES .015 x 45° OR .015R
CHECKED: CLOUGH	2. DIMENSIONAL LIMITS APPLY AFTER PLATING
OPPS APPR: ANDERSON	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
QA APPR: LINDSAY	USED ON MODEL
APPROVED: GILBERT	BELL 206
SCALE 1:2	DATE 2/5/2010
SHEET 3 OF 9	

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
1		-5 CH'D DIM. FROM .425 TO .356.	5/6/2010	RJC	DW
4	16-0016	-5 CH'D DIM WAS 4X R.125 IS 2X Ø.266.	2/3/2016	DPD	JAG



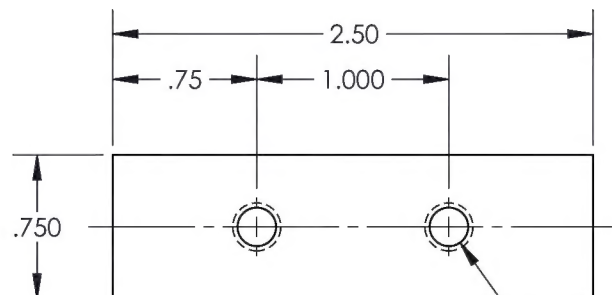
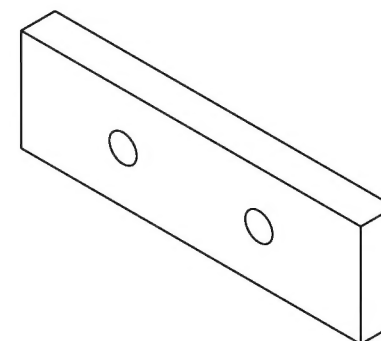
(-5)

SLOTTED PLATE

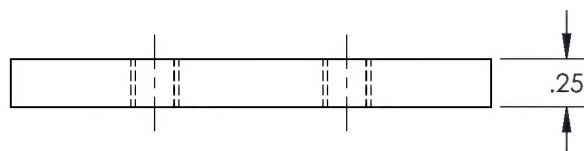
DART AEROSPACE	
TITLE MAIN ROTOR RESTRAINT	
DWG NO. RBT18666-5	REV 4
MAT'L 6061	UNLESS OTHERWISE SPECIFIED
HEAT TREAT	DIMENSIONS ARE IN INCHES
FINISH BLACK ANODIZE	.XXX ± .010 FRACTIONS ± 1/8
SPEC MIL-A-8625, TYPE II, CLASS II	.XX ± .03 ANGLES ± 1°
DRAWN BY: CLOUGH	.X ± .1 SURFACES = 125°
CHECKED: CLOUGH	1. BREAK ALL SHARP EDGES
OPPS APPR: ANDERSON	.015 x 45° OR .015R
QA APPR: LINDSAY	2. DIMENSIONAL LIMITS APPLY
APPROVED: GILBERT	AFTER PLATING
SCALE 1:1	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
DATE 2/5/2010	USED ON MODEL
	BELL 206
	SHEET 4 OF 9

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
4	16-0016	-7 CH'D FINISH WAS BLACK ANODIZE IS BLACK OXIDE.	2/3/2016	DPD	JAG



2X 1/4-20 UNC - 2B THRU ALL



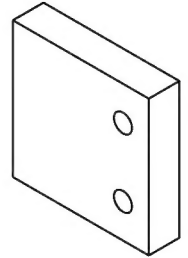
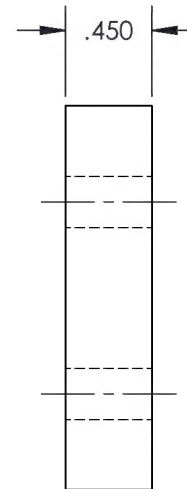
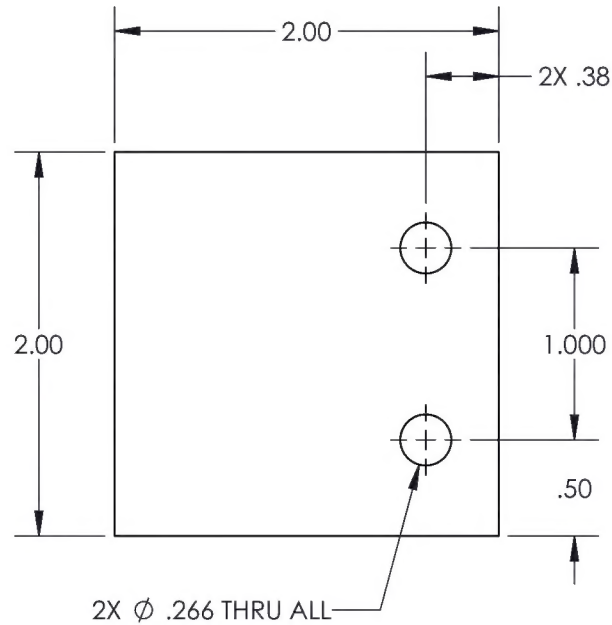
(-7)

BOLT PLATE

DART AEROSPACE	
TITLE MAIN ROTOR RESTRAINT	
DWG NO. RBT18666-7	REV 4
MAT'L A36/1018/1020 HR	UNLESS OTHERWISE SPECIFIED
HEAT TREAT	DIMENSIONS ARE IN INCHES
FINISH BLACK OXIDE	.XXX ± .010 FRACTIONS ± 1/8
SPEC	.XX ± .03 ANGLES ± 1°
	.X ± .1 SURFACES = 125° ✓
DRAWN BY: CLOUGH	1. BREAK ALL SHARP EDGES
CHECKED: CLOUGH	.015 x 45° OR .015R
OPPS APPR: ANDERSON	2. DIMENSIONAL LIMITS APPLY
QA APPR: LINDSAY	AFTER PLATING
APPROVED: GILBERT	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
SCALE 1:1	DATE 2/5/2010
	SHEET 5 OF 9

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
1		CH'D DIM. .416 TO .378 & .375 TO .450 -9.	5/6/2010	RJC	DW
4	16-0016	-9 CH'D DIM WAS 2X Ø.250 IS 2X Ø.266.	2/3/2016	DPD	JAG



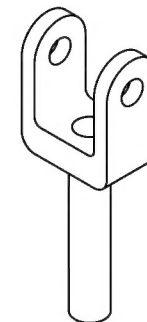
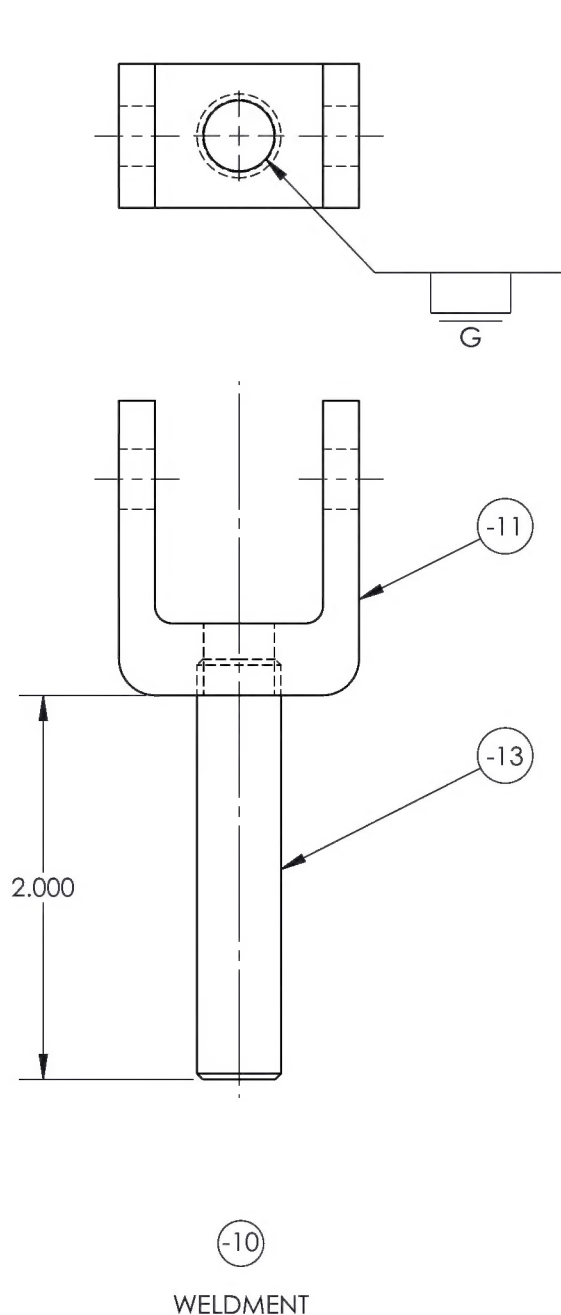
(-9)

SPACER

DART AEROSPACE	
TITLE MAIN ROTOR RESTRAINT	
DWG NO. RBT18666-9	REV 4
MAT'L 6061	UNLESS OTHERWISE SPECIFIED
HEAT TREAT	DIMENSIONS ARE IN INCHES
FINISH BLACK ANODIZE	.XXX ± .010 FRACTIONS ± 1/8
SPEC MIL-A-8625, TYPE II, CLASS II	.XX ± .03 ANGLES ± 1°
DRAWN BY: CLOUGH	.X ± .1 SURFACES = 125
CHECKED: CLOUGH	1. BREAK ALL SHARP EDGES
OPPS APPR: ANDERSON	.015 x 45° OR .015R
QA APPR: LINDSAY	2. DIMENSIONAL LIMITS APPLY
APPROVED: GILBERT	AFTER PLATING
SCALE 1:1	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
DATE 2/5/2010	USED ON MODEL
SHEET 6 OF 9	BELL 206

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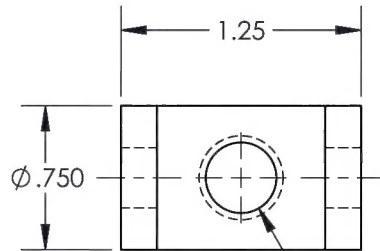
REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
4	16-0016	-10 DELETED WELD NOTE. ADDED GRIND FLAT TO WELD CALLOUT.	2/3/2016	DPD	JAG



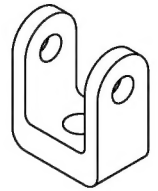
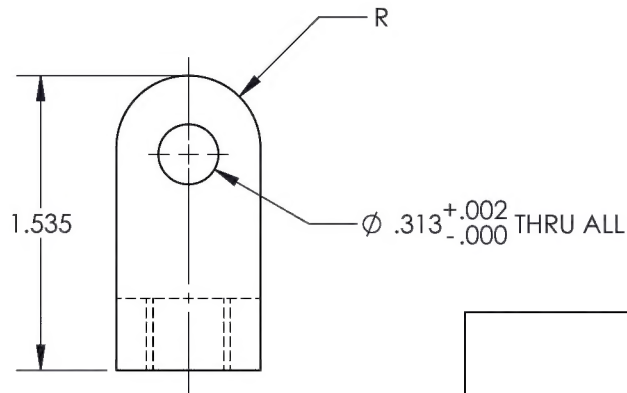
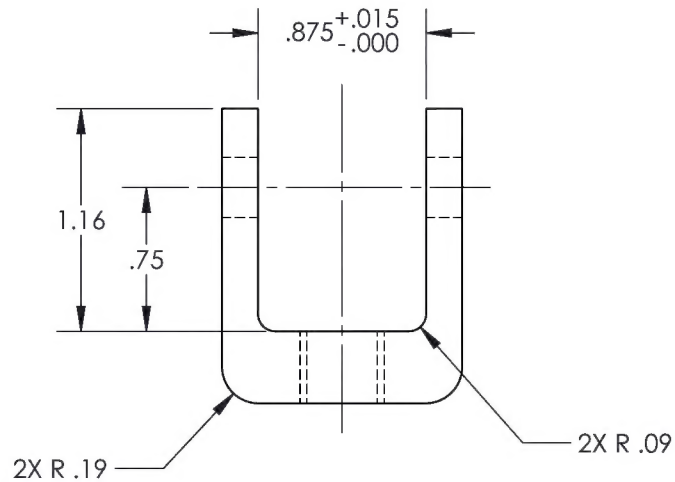
DART AEROSPACE	
TITLE MAIN ROTOR RESTRAINT	
DWG NO. RBT18666-10	REV 4
MAT'L REPT TREAT FINISH SPEC	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .010 FRACTIONS ± 1/8 .XX ± .03 ANGLES ± 1° .X ± .1 SURFACES = 125/✓
DRAWN BY: CLOUGH	1. BREAK ALL SHARP EDGES .015 x 45° OR .015R
CHECKED: CLOUGH	2. DIMENSIONAL LIMITS APPLY AFTER PLATING
OPPS APPR: ANDERSON	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
QA APPR: LINDSAY	USED ON MODEL
APPROVED: GILBERT	BELL 206
SCALE 1:1	DATE 2/5/2010
SHEET 7 OF 9	

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
2		CH'D -11 OVERALL HIEGHT FROM 1.20 TO 1.535. CH'D DIM TOLERANCE FROM +.005 -.000 TO +.015 -.000 PER G.E.	2/3/2016	RJC	RW
3		CH'D HOLE DIM WAS 2X Ø.312 IS 2X Ø.313 +.002 -.000.	2/12/2013	BIM	SE
3A		-11 ADDED RADIUS CALLOUTS WAS MISSING IS 2X .19 AND 2X .09.	6/24/2013	BIM	GE
4	16-0016	-11 CH'D DIM WAS 2X .313 +.002 -.000 IS .313 +.002 -.000.	2/3/2016	DPD	JAG



7/16-14 UNC - 2B THRU ALL



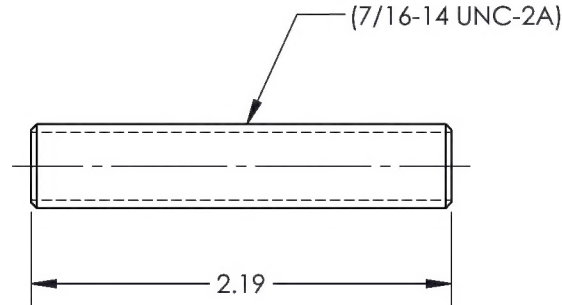
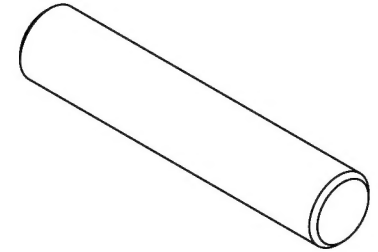
(11)

CLEVIS

DART AEROSPACE	
TITLE MAIN ROTOR RESTRAINT	
DWG NO. RBT18666-11	REV 4
MAT'L A36/1018/1020 HR	UNLESS OTHERWISE SPECIFIED
HEAT TREAT	DIMENSIONS ARE IN INCHES
FINISH SEE -10	.XXX ± .010 FRACTIONS ± 1/8
SPEC	.XX ± .03 ANGLES ± 1°
	.X ± .1 SURFACES = 125°
DRAWN BY: CLOUGH	1. BREAK ALL SHARP EDGES
CHECKED: CLOUGH	.015 x 45° OR .015R
OPPS APPR: ANDERSON	2. DIMENSIONAL LIMITS APPLY
QA APPR: LINDSAY	AFTER PLATING
APPROVED: GILBERT	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
SCALE 1:1	DATE 2/5/2010
	SHEET 8 OF 9

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REVISIONS				
REV	ECR	DESCRIPTION	DATE	INITIAL
				APPROVED



(-13)
ROD

DART AEROSPACE	
TITLE MAIN ROTOR RESTRAINT	
DWG NO. RBT18666-13	REV 4
MAT'L B7	UNLESS OTHERWISE SPECIFIED
HEAT TREAT	DIMENSIONS ARE IN INCHES
FINISH SEE -10	.XXX ± .010 FRACTIONS ± 1/8
SPEC	.XX ± .03 ANGLES ± 1°
	.X ± .1 SURFACES = 125°
DRAWN BY: CLOUGH	1. BREAK ALL SHARP EDGES
CHECKED: CLOUGH	.015 x 45° OR .015R
OPPS APPR: ANDERSON	2. DIMENSIONAL LIMITS APPLY
QA APPR: LINDSAY	AFTER PLATING
APPROVED: GILBERT	3. INTERPRET DIM AND TOL PER
	ASME Y14.5M-2009
	USED ON MODEL
	BELL 206
SCALE 1:1	DATE 2/5/2010
	SHEET 9 OF 9